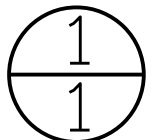


## NOTES

1. ALL PIPE TO BE 4" DIA. SCHEDULE 40 SOLVENT WELD PVC, EXCEPT SERVICE PIPE AT MAIN LINE TEE.
2. USE NEOPRENE COUPLING W/STAINLESS STRAPS AT CONNECTION WITH EXISTING SERVICE.
- \* 3. IN PAVEMENT USE A CLEAN OUT FRAME & COVER.



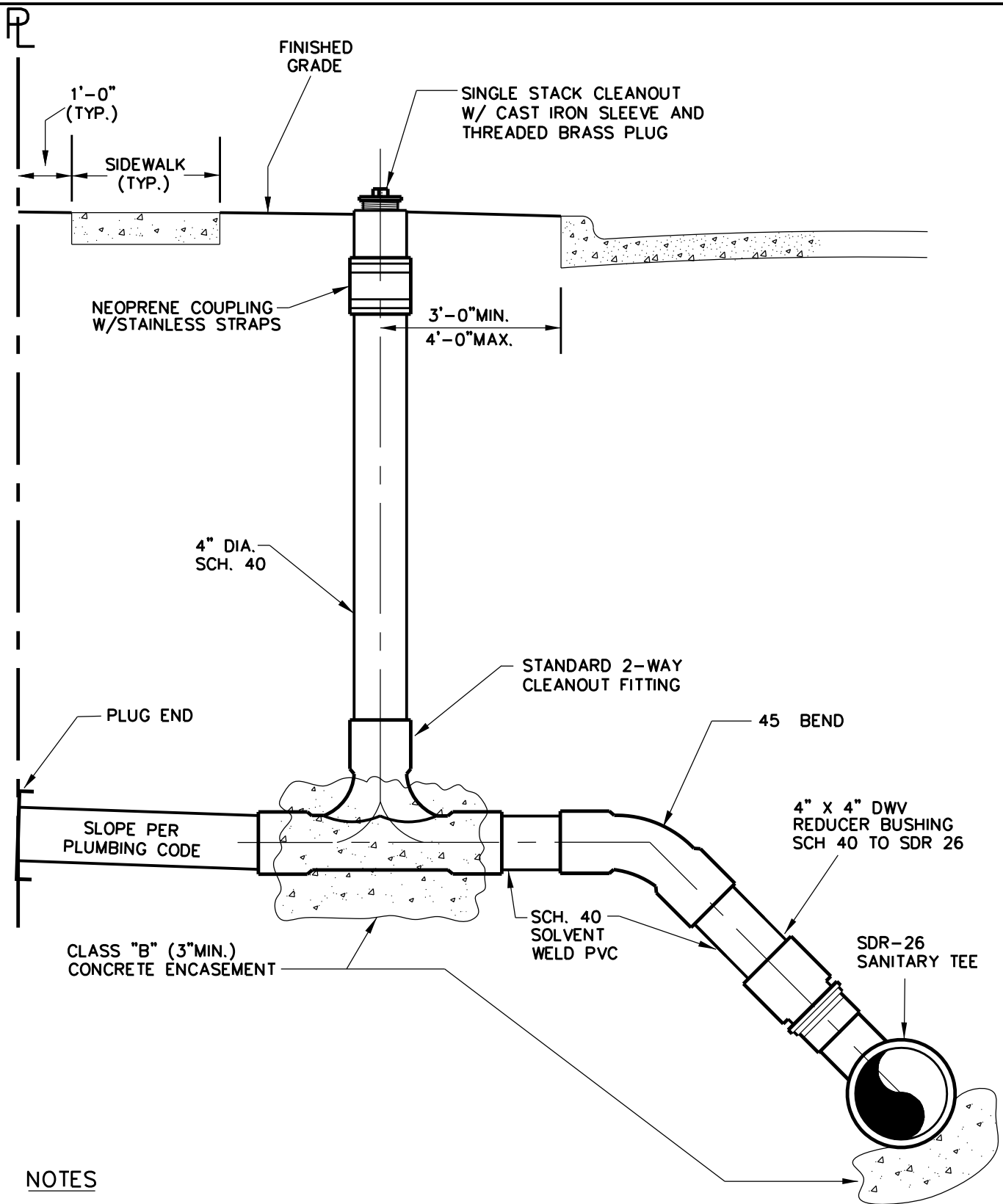
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Project No. : STANDARD-DETAILS

  
**GARLAND**  
ENGINEERING  
STANDARD DETAILS

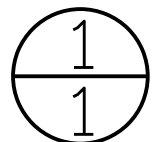
**TYPICAL WASTEWATER SINGLE  
STACK 2-WAY CLEANOUT FOR  
EXISTING SERVICE CONNECTION**

PAGE  
**1**



## NOTES

1. ALL PIPE TO BE 4" DIA. SCHEDULE 40 SOLVENT WELD PVC, EXCEPT SERVICE PIPE AT MAIN LINE TEE.



Revision Date: 12/11

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Design : COG

Drawn : JMK

Dwg. File : CLN\_001.DWG

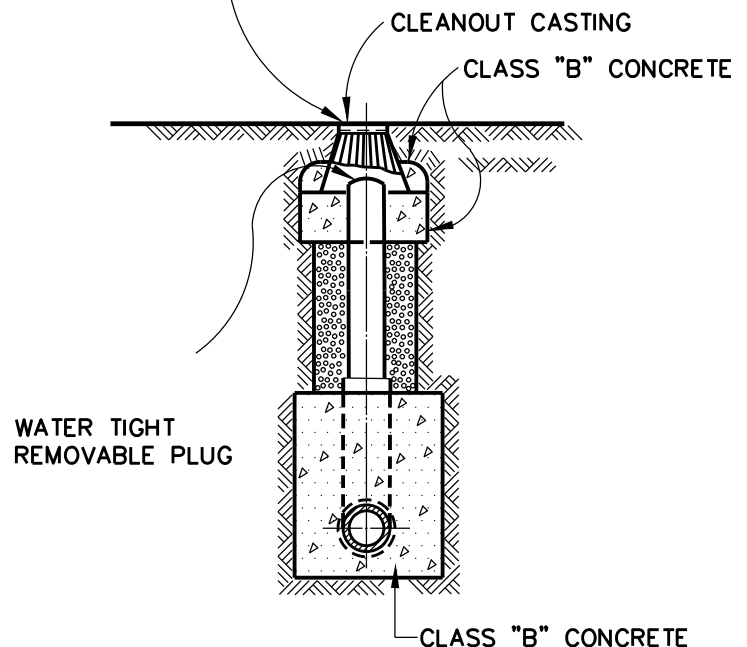
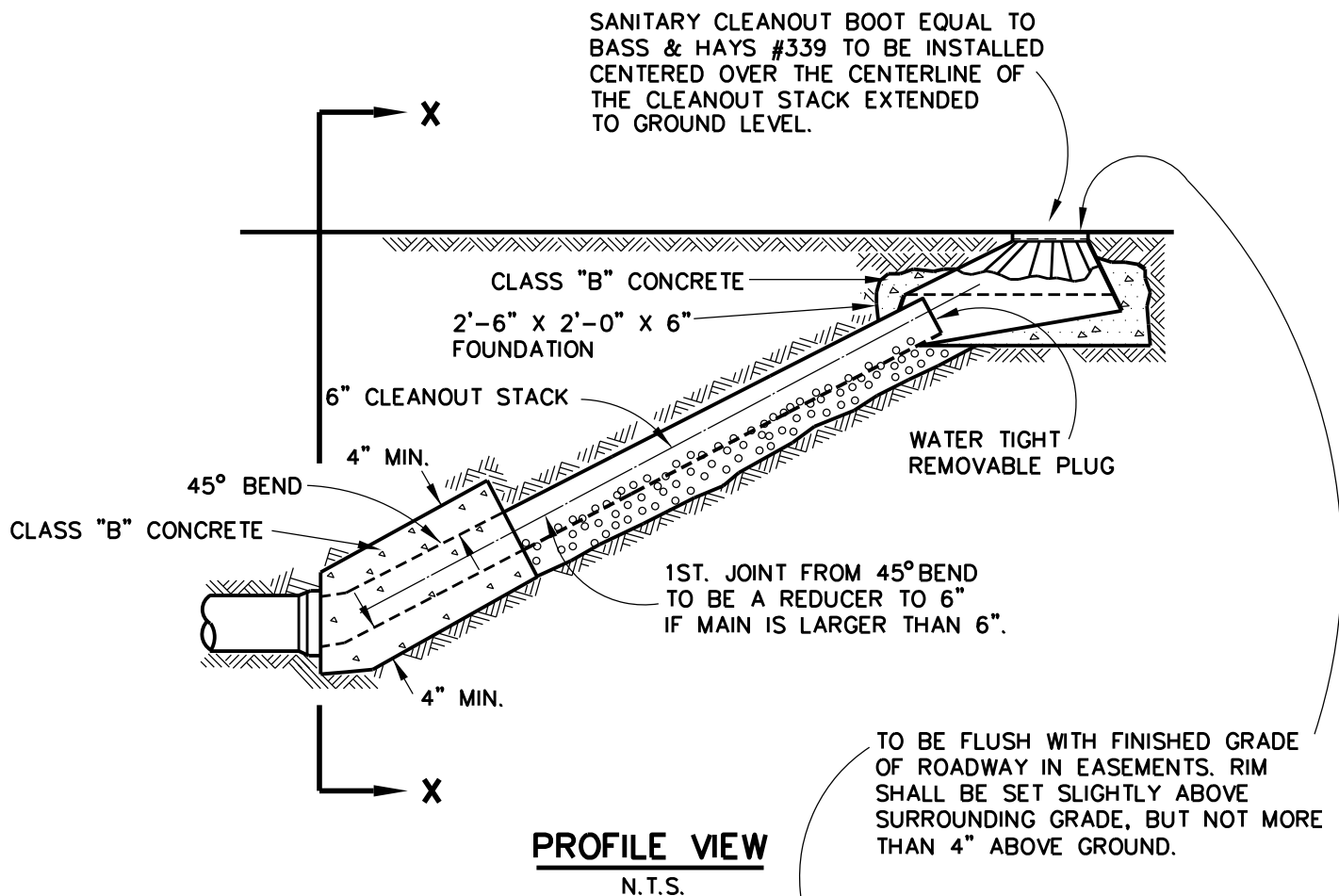
Project No. : STANDARD-DETAILS



TYPICAL WASTEWATER SINGLE  
STACK 2-WAY CLEANOUT FOR  
NEW SERVICE CONNECTION

PAGE

2



**ELEVATION "X - X"**  
N.T.S.

**NOTE:**

IF CLEANOUT IS PLACED IN ADVANCE OF PAVEMENT PLACE SAND AROUND CLEANOUT CASTING IN LIEU OF CONCRETE.

Revision Date: \_\_\_\_\_

Scale : N/A Date : 06/01/05

Design :

Drawn : JMK

Dwg. File : CLN\_002.DWG

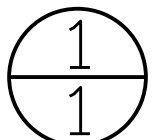
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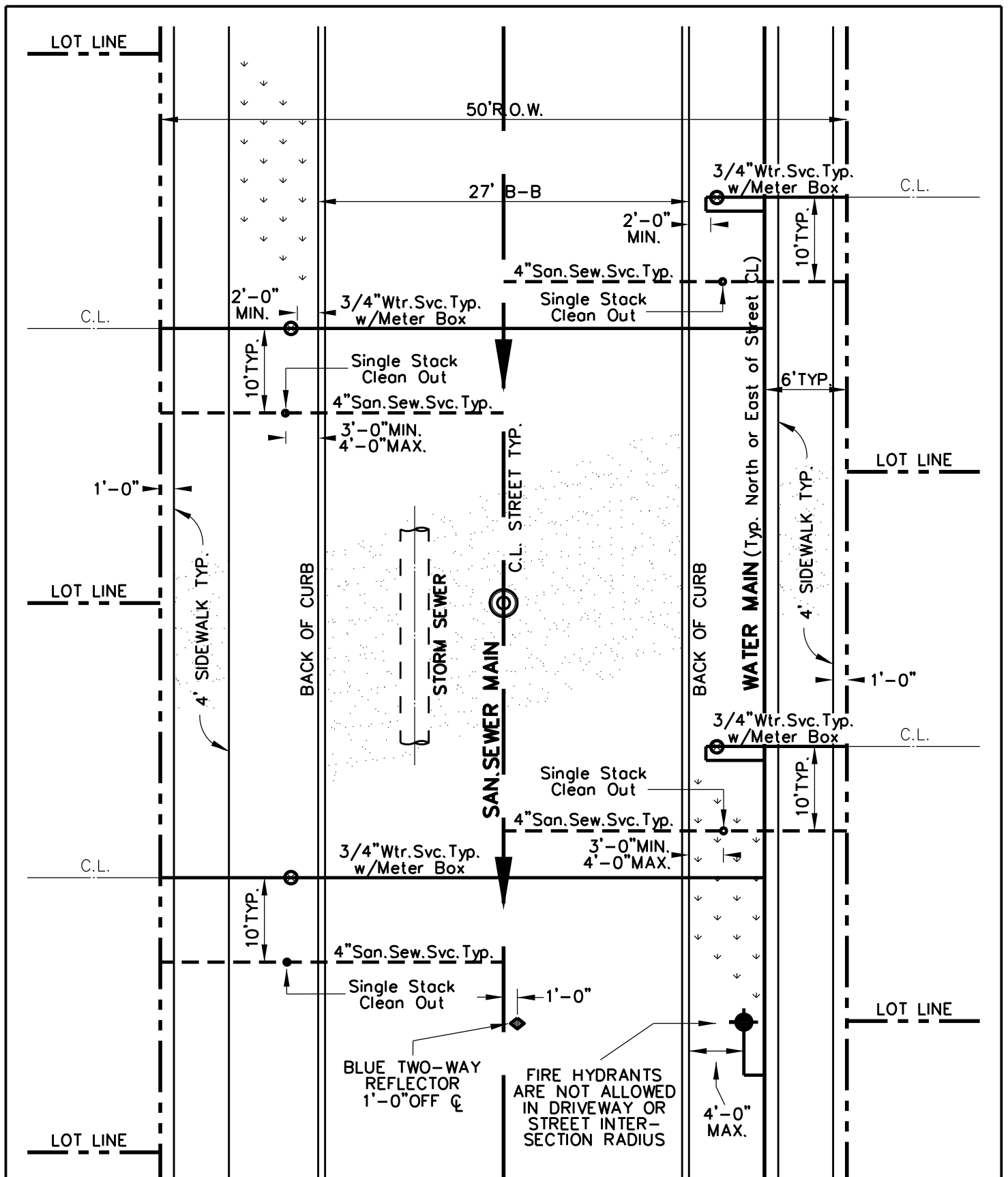


**WASTEWATER MAIN LINE  
DEADEND CLEANOUT**

PAGE

**3**





**NOTE:**

METERS AND FIRE HYDRANTS ARE NOT ALLOWED IN CONCRETE PAVEMENT.

1  
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Revision Date: 12/06

Scale : N/A Date : 02/24/06  
Design :  
Drawn : JMK  
Dwg. File : CLN\_003.DWG  
Project No. : STANDARD-DETAILS

  
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STANDARD DETAILS

**TYPICAL RESIDENTIAL  
WATER & SAN. SEWER  
CONNECTION DETAIL**

PAGE

**4**

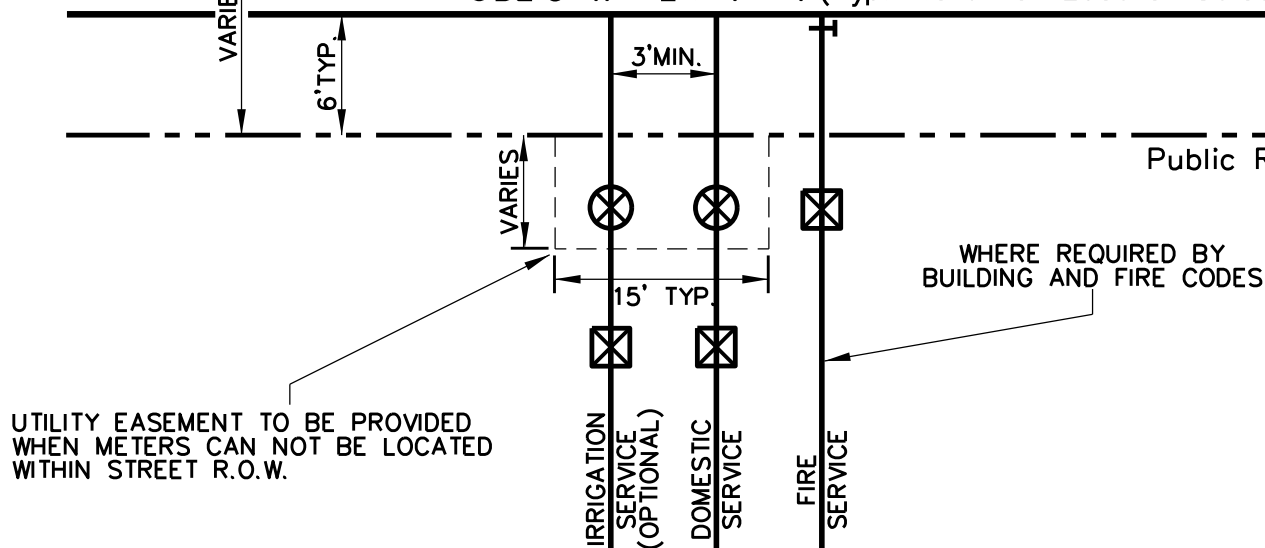
Back of Curb

**SAN. SEWER MAIN** (Street CL Typ.)

Back of Curb

**PUBLIC WATER MAIN** (Typ. North or East of Street CL)

Public R.O.W.

**NOTE:**

APPROVED DOUBLE CHECK ASSEMBLY REQUIRED ON ALL SETUPS TO MEET CITY OF GARLAND BACKFLOW REQUIREMENTS.

PURSUANT TO THE CITY OF GARLAND CODE OF ORDINANCES, ARTICLE V, SECTION 51.72 (A)(1), CROSS CONNECTION CONTROL; "A BACKFLOW PREVENTION ASSEMBLY SHALL BE TESTED IMMEDIATELY AFTER INSTALLATION." TEST RESULTS MUST BE SUBMITTED TO WATER SYSTEM ANALYST WITHIN 48 HOURS OF INSTALLATION OF DEVICE. FOR A LIST OF REGISTERED TESTER IN THE CITY OF GARLAND, CALL WATER SYSTEM ANALYST © 972 205-3214.

Revision Date:

Scale : N/A Date : 02/24/06

Design :

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Dwg. File : CLN\_004.DWG

Project No. : STANDARD-DETAILS



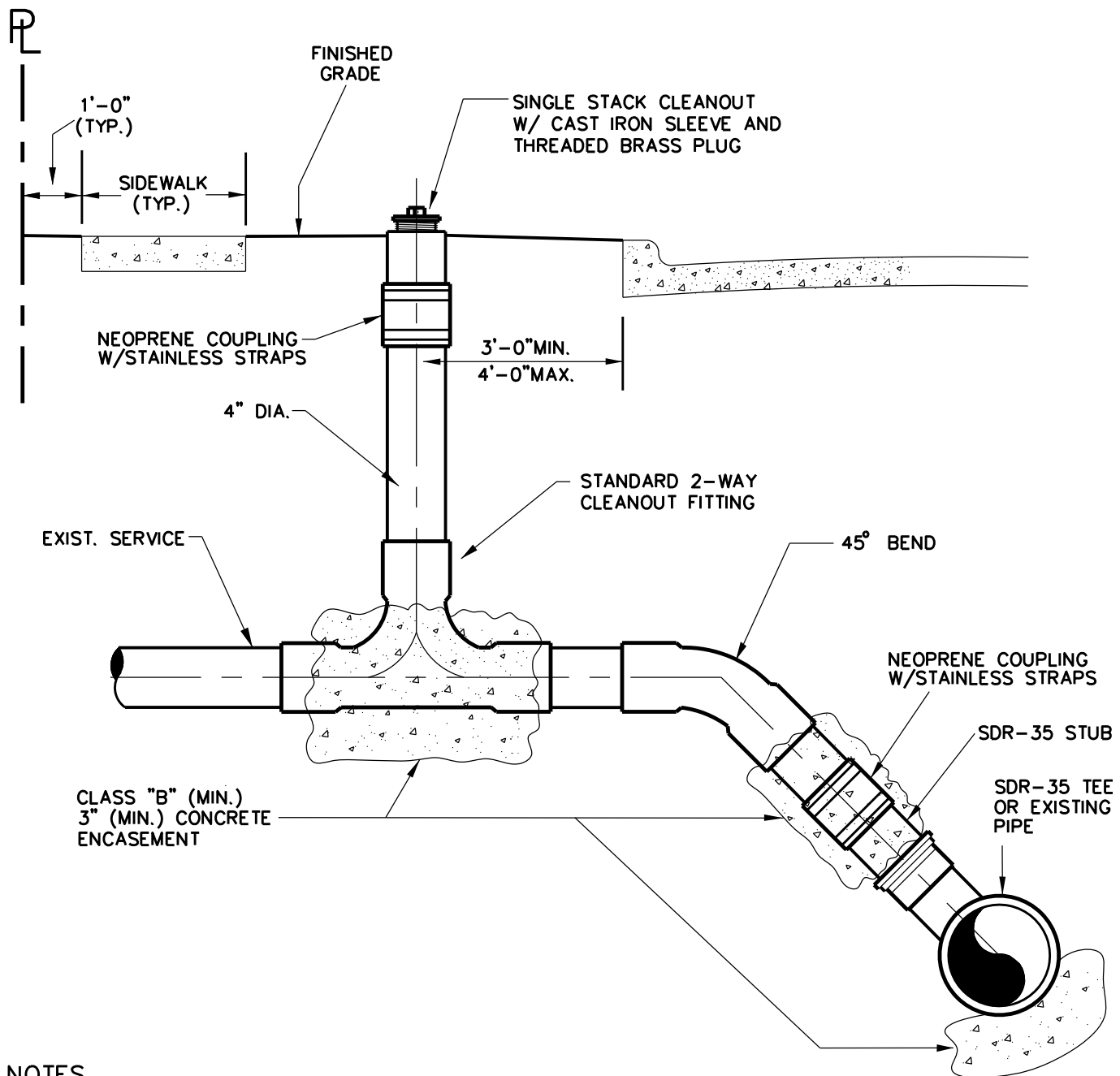
STANDARD DETAILS

# NON-RESIDENTIAL WATER SERVICE CONNECTION DETAIL

PAGE

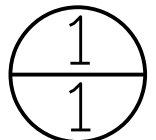
**5**

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1



## NOTES

1. CITY REPRESENTATIVE MUST BE NOTIFIED IMMEDIATELY UPON DAMAGE.
2. REPAIR OF DAMAGED WASTEWATER SERVICE SHALL CONSIST OF REPLACING THE DAMAGED SECTION WITH SCHEDULE 40 PVC PIPE MATERIAL.
3. SHOULD DAMAGED SERVICE NOT HAVE AN EXISTING CLEANOUT, SERVICE SHALL BE REPLACED TO THE PROPERTY LINE AND A NEW SINGLE STACK, TWO WAY CLEANOUT INSTALLED ON THE CITY SIDE OF THE PROPERTY LINE.
4. WHERE THE CLEANOUT TO BE REPLACED OR INSTALLED IS LOCATED IN CONCRETE, A BASS & HAYS #404 CLEANOUT, OR EQUAL, SHALL BE USED AND THE TOP SHALL BE FLUSH WITH CONCRETE SURFACE.
5. CITY REPRESENTATIVE RESERVES THE RIGHT TO REQUIRE ADDITIONAL MATERIALS AND ADDITIONAL REPLACEMENT IF NECESSARY.



Revision Date: 12/11

Scale : N/A Date : 06/01/05

Design :

Drawn : JMK

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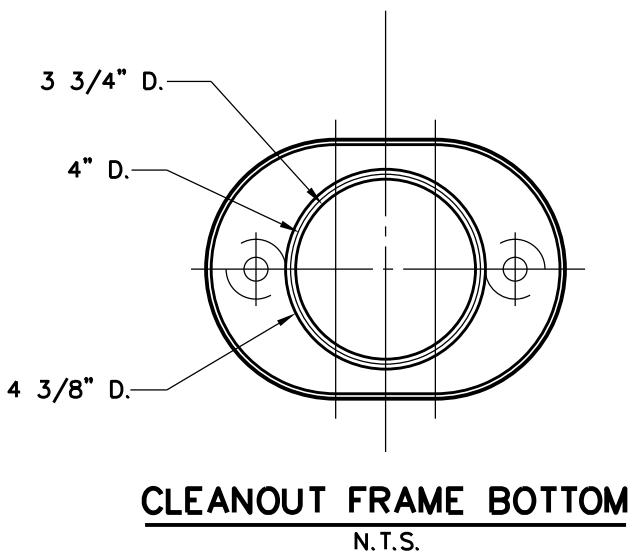
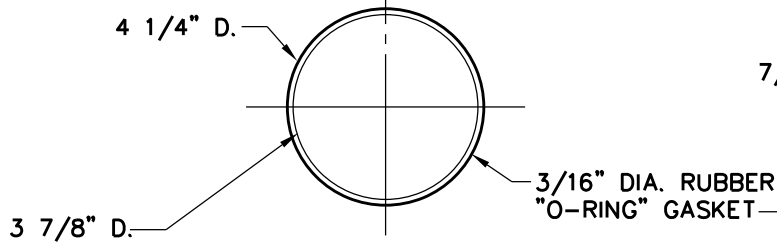
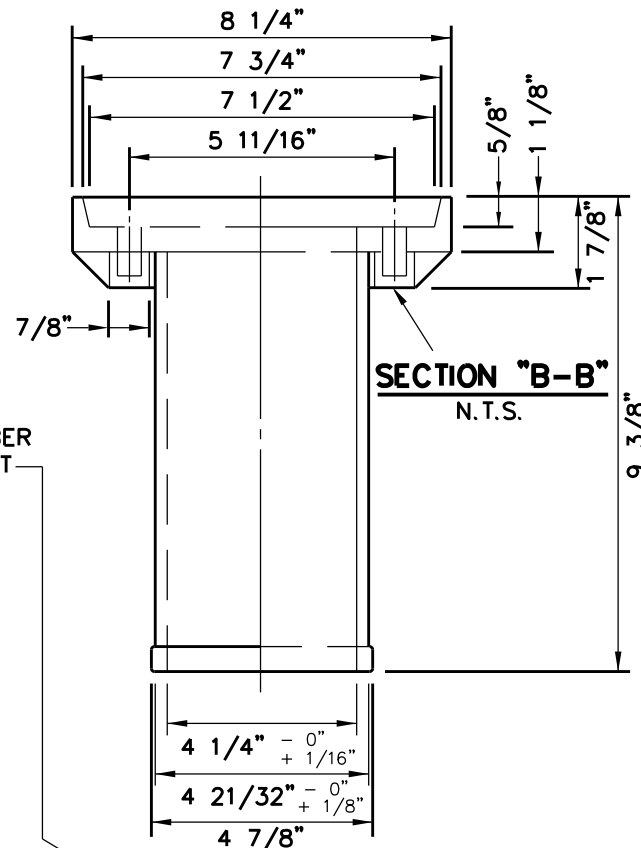
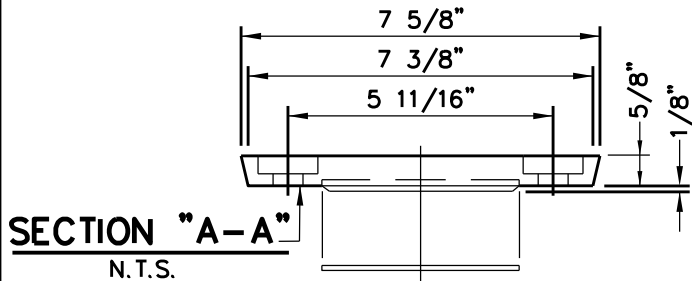
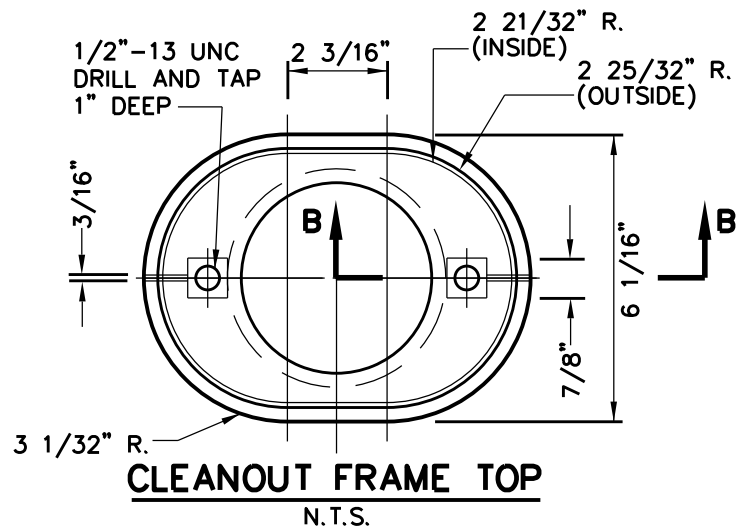
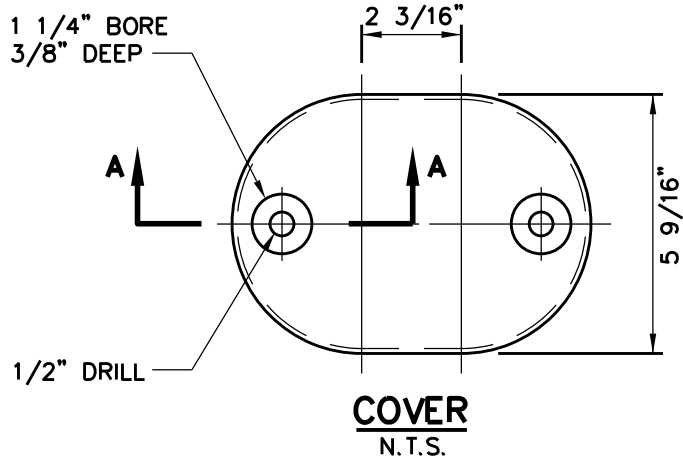
Project No. : STANDARD-DETAILS



## REPAIR OF EXISTING WASTEWATER SERVICE CONNECTION

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#### NOTES:

1. THE WORDS "WASTEWATER LATERAL CLEANOUT" SHALL BE CAST INTO TOP OF COVER.
2. MATERIALS TO BE CAST IRON, P.V.C. OR ABS PLASTIC.

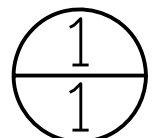
Revision Date:

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Design :  
Drawn : JMK  
Dwg. File : REV5140  
Project No. : STANDARD-DETAILS

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STANDARD DETAILS

**CLEANOUT FRAME & COVER  
WASTEWATER LATERAL**

**ASSEMBLY VIEW**  
N.T.S.



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